



IFW
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/800,582
Applicant : Hans-Ueli Roeck
Filed : March 15, 2004
Title : "FEEDBACK SUPPRESSION"

TC/A.U. : 2644

Docket No. : 36561
Customer No. : 00116

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O.. Box 1450
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is invited to the enclosed prior art references. A copy of the European search report is enclosed. Each reference was first cited in a foreign search report in a counterpart application not more than 3 months prior to the filing of this IDS.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Michael W. Garvey
Name of Attorney for Applicant(s)

11-1-2004
Date

Signature of Attorney

It is requested that these references be considered by the Examiner in the examination of the above-identified application.

A copy of required form PTO-1449 is included with this Information Disclosure Statement.

If there are any further fees resulting from this communication not covered by the enclosed check, or if no check was enclosed, please charge the same to Deposit Account No. 16-0820, Order No. 36561.

Respectfully submitted,

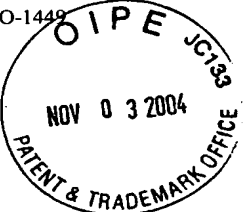
PEARNE & GORDON LLP

By _____

Michael W. Garvey, Reg. No. 35878

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November 1, 2004

Form PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION BY APPLICANT	ATTY. DOCKET NO. 36561	SERIAL NO. 10/800,582
	APPLICANT: Silvia Allegro et al.	
	FILING DATE: March 6, 2003	GROUP ART UNIT: 2644

U.S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
	B						
	C						
	D						
	E						

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation
	L	0 656 737 A	6/1995	EP			cited in ESR
	M	00/33634 A	6/2000	WO			cited in ESR
	N	00/19605 A	4/2000	WO			cited in ESR
	P	1 080 606 A	3/2001	EP			cited in ESR

OTHER REFERENCES <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
R	HERBORDT W. ET AL. "Computationally Efficient Frequency-Domain Combination of Acoustic Echo Cancellation and Robust Adaptive Beamforming;" PROCEEDINGS EUROSPEECH, vol. 2, September 2001 (2001-09) pages 1001-1004, XP 007004503 AALBORG, DANMARK
S	Hsiang-Feng Chi, Shawn X. Gao, Sigfrid D. Soli, Abeer Alwan: "Band Limited Feedback Cancellation with a Modified Filtered-x LMS Algorithm for Hearing Aids" SPEECH COMMUNICATION, vol. 39, no. 1-2, January 2003 (2003-01), pgs 147-161, XP002295470 ELSEVIER SCIENCE
T	Maxwell J.A. et al: "Reducing Acoustic Feedback in Hearing Aids" IEEE TRANSACTIONS ON SPEECH AND AUDIO PROCESSING, IEEE Inc. New York, US, vol. 3, no. 4, 1 July 1995 (1995-07-01), pages 304-313, XP 000633074 ISN: 1063-6676
U	Hoshuyama O. et al: "A Robust Adaptive Beamformer for Microphone Arrays with A Blocking Matrix Using Constrained Adaptive Filters" IEEE TRANSACTIONS ON SIGNAL PROCESSING, IEEE, Inc. New York, US, vol. 47, no. 10, October 1999 (1999-10), pages 2677-2684, XP 000947154, ISSN: 1053-587X
Examiner: _____ Date Considered _____	
*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.	